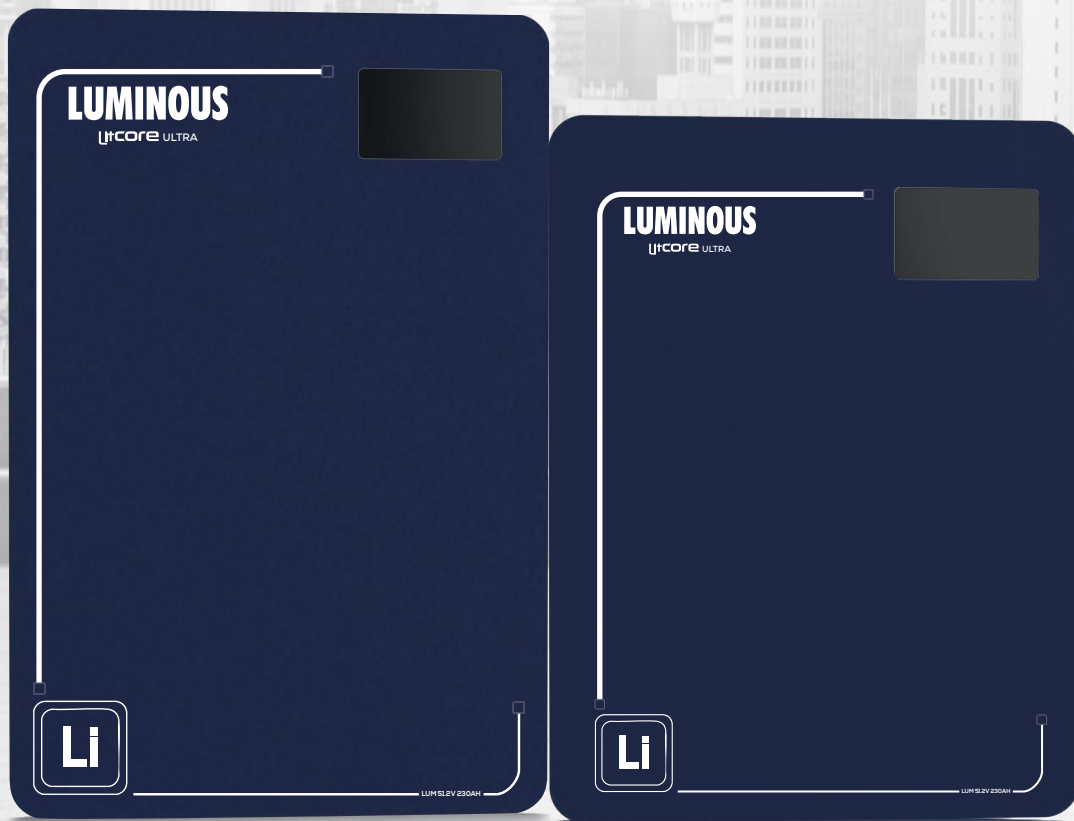
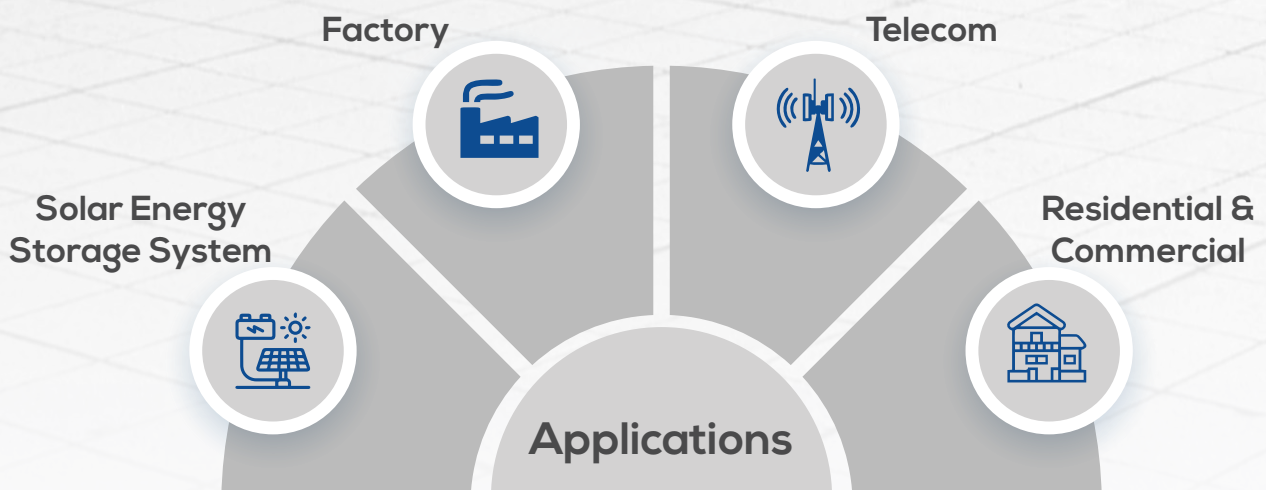


Litcore ULTRA

POWERING THE FUTURE 

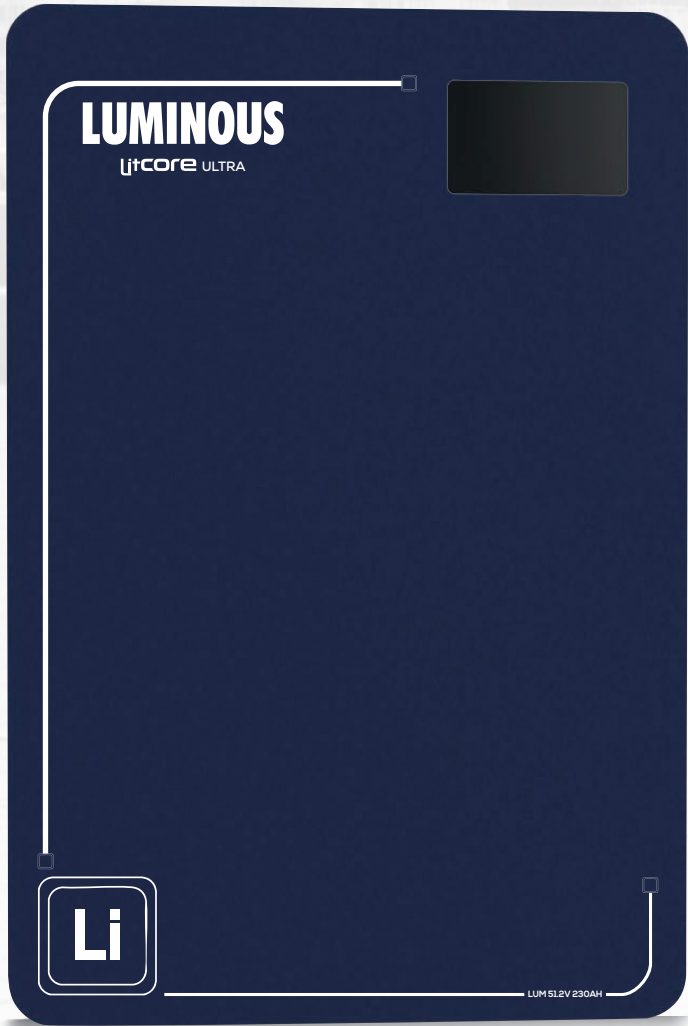


Range Available: 100Ah | 230Ah



litcore ULTRA

KEY FEATURES



INFORMATIVE DISPLAY

LCD display with touch screen



STACKABLE

Upto 15 batteries in parallel supported with Manual configuration



COMPATIBILITY

Compatibility with wider range of high frequency inverters



LIFECYCLE

6000 Cycles**



SAFETY

Multi-level protection feature

TECHNICAL SPECIFICATION

| Battery Model | LU100AH 25.6V | LU100AH 51.2V | LU230AH 25.6V | LU230AH 51.2V |
|--------------------------------------|-------------------------------|-------------------------|-------------------------|-------------------------|
| Cell Configuration | 8S1P | 16S1P | 8S1P | 16S1P |
| Rated Capacity | 100Ah | | 230Ah | |
| Operating Voltage Range | 20-29.2V | 40-58.4V | 20-29.2V | 40-58.4V |
| Usable Energy | 2560Wh | 5120Wh | 5888Wh | 11776Wh |
| Voltage at end of discharge | 20V | 40V | 20V | 40V |
| Charging Voltage | 29.2V | 58.4V | 29.2V | 58.4V |
| Internal Impedance | ≤30mΩ | ≤40mΩ | ≤20mΩ | ≤20mΩ |
| Standard Charge | Constant Current : 20A | | Constant Current : 30A | |
| | Constant Voltage: 29.2V | Constant Voltage: 58.4V | Constant Voltage: 29.2V | Constant Voltage: 58.4V |
| | Cut off : 5A | | Cut off : 15A | |
| Limiting Current | 20A (at CC>100A) | | 20A (at CC>200A) | |
| Standard Discharge | Constant Current : 50A | | Constant Current : 115A | |
| | End Voltage: 20V | End Voltage: 40V | End Voltage: 20V | End Voltage: 40V |
| Maximum Continuous charge current | 100A | | 115A | |
| Maximum Continuous Discharge current | 100A | | 200A | |
| Efficiency | > 99% | | | |
| Recommended Depth of Discharge | 90% | | | |
| Protection | Voltage, Current, Temperature | | | |
| Cycle Life | 6000 cycles** | | | |
| Communication Port | RS485, CAN | | | |
| Operating Temperature Range | Charge: 0-55°C | | | |
| | Discharge: -10-60°C | | | |
| Storage Temperature Range | > 1month 0-35°C(SOC30-50%) | | | |
| | ≤ 1month -20-45°C(SOC30-50%) | | | |
| No of units in Parallel | 15 PCS | | | |
| Display | Touch Screen | | | |
| Terminal | WL-CNT120-A | | | |
| Weight | 26 kg | 46 kg | 49 kg | 87 kg |

Due to continuous product improvement, the specifications and product design are subject to change without notice. | **Test conditions: 0.5C Charging/Discharging @25°C, 80% DOD.

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